

December 28, 2021

Derek Ingram
XDD, LLC
11171 Forest Haven Road
Festus, MO 63028
TEL: (314) 609-3065
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ameren Huster Road GW

WorkOrder: 21121532

Dear Derek Ingram:

TEKLAB, INC received 4 samples on 12/27/2021 4:00:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

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Client: XDD, LLC

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Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

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Qualifiers

- # - Unknown hydrocarbon
- C - RL shown is a Client Requested Quantitation Limit
- H - Holding times exceeded
- J - Analyte detected below quantitation limits
- ND - Not Detected at the Reporting Limit
- S - Spike Recovery outside recovery limits
- X - Value exceeds Maximum Contaminant Level
- B - Analyte detected in associated Method Blank
- E - Value above quantitation range
- I - Associated internal standard was outside method criteria
- M - Manual Integration used to determine area response
- R - RPD outside accepted recovery limits
- T - TIC(Tentatively identified compound)

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Cooler Receipt Temp: 13.0 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

Collinsville Air

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Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515

Phone (630) 324-6855

Fax

Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2022	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2022	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2022	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2022	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-001

Client Sample ID: PZ-11

Matrix: GROUNDWATER

Collection Date: 12/27/2021 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/28/2021 9:12	186309
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 9:12	186309
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/28/2021 9:12	186309
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,1-Dichloroethene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 9:12	186309
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:12	186309
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 9:12	186309
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 9:12	186309
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 9:12	186309
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/28/2021 9:12	186309
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 9:12	186309
Acetone	NELAP	2.4	10.0		ND	µg/L	1	12/28/2021 9:12	186309
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/28/2021 9:12	186309
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/28/2021 9:12	186309
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Benzene	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 9:12	186309
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-001

Client Sample ID: PZ-11

Matrix: GROUNDWATER

Collection Date: 12/27/2021 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:12	186309
cis-1,2-Dichloroethene	NELAP	0.2	2.0		60.4	µg/L	1	12/28/2021 9:12	186309
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	12/28/2021 9:12	186309
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/28/2021 9:12	186309
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:12	186309
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/28/2021 9:12	186309
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/28/2021 9:12	186309
n-Hexane	*	1.4	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/28/2021 9:12	186309
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 9:12	186309
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/28/2021 9:12	186309
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 9:12	186309
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Toluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
trans-1,2-Dichloroethene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 9:12	186309
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:12	186309
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:12	186309
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:12	186309
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:12	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-001

Client Sample ID: PZ-11

Matrix: GROUNDWATER

Collection Date: 12/27/2021 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		36.3	µg/L	1	12/28/2021 9:12	186309
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.6	%REC	1	12/28/2021 9:12	186309
Surr: 4-Bromofluorobenzene	*	0	80-120		98.7	%REC	1	12/28/2021 9:12	186309
Surr: Dibromofluoromethane	*	0	80-120		100.6	%REC	1	12/28/2021 9:12	186309
Surr: Toluene-d8	*	0	80-120		100.6	%REC	1	12/28/2021 9:12	186309

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-002

Client Sample ID: MW-2

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 9:40	186309
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:40	186309
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 9:40	186309
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 9:40	186309
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 9:40	186309
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/28/2021 9:40	186309
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 9:40	186309
Acetone	NELAP	2.4	10.0		ND	µg/L	1	12/28/2021 9:40	186309
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/28/2021 9:40	186309
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/28/2021 9:40	186309
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Benzene	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 9:40	186309
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309



Laboratory Results

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Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-002

Client Sample ID: MW-2

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:40	186309
cis-1,2-Dichloroethene	NELAP	0.2	2.0		20.6	µg/L	1	12/28/2021 9:40	186309
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	12/28/2021 9:40	186309
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/28/2021 9:40	186309
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:40	186309
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/28/2021 9:40	186309
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/28/2021 9:40	186309
n-Hexane	*	1.4	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/28/2021 9:40	186309
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 9:40	186309
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/28/2021 9:40	186309
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 9:40	186309
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Toluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 9:40	186309
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 9:40	186309
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 9:40	186309
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 9:40	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-002

Client Sample ID: MW-2

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		4.3	µg/L	1	12/28/2021 9:40	186309
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.9	%REC	1	12/28/2021 9:40	186309
Surr: 4-Bromofluorobenzene	*	0	80-120		99.5	%REC	1	12/28/2021 9:40	186309
Surr: Dibromofluoromethane	*	0	80-120		100.6	%REC	1	12/28/2021 9:40	186309
Surr: Toluene-d8	*	0	80-120		100.3	%REC	1	12/28/2021 9:40	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-003

Client Sample ID: MW-39

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 10:07	186309
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:07	186309
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 10:07	186309
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 10:07	186309
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 10:07	186309
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/28/2021 10:07	186309
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 10:07	186309
Acetone	NELAP	2.4	10	J	3.5	µg/L	1	12/28/2021 10:07	186309
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/28/2021 10:07	186309
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/28/2021 10:07	186309
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Benzene	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 10:07	186309
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-003

Client Sample ID: MW-39

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:07	186309
cis-1,2-Dichloroethene	NELAP	0.2	2.0	J	1.8	µg/L	1	12/28/2021 10:07	186309
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	12/28/2021 10:07	186309
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/28/2021 10:07	186309
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Ethylbenzene	NELAP	0.1	2.0	J	0.1	µg/L	1	12/28/2021 10:07	186309
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
m,p-Xylenes	NELAP	0.2	2.0	J	0.5	µg/L	1	12/28/2021 10:07	186309
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:07	186309
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/28/2021 10:07	186309
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/28/2021 10:07	186309
n-Hexane	*	1.4	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/28/2021 10:07	186309
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
o-Xylene	NELAP	0.1	2.0	J	0.4	µg/L	1	12/28/2021 10:07	186309
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 10:07	186309
p-Isopropyltoluene	NELAP	0.1	2.0	J	0.1	µg/L	1	12/28/2021 10:07	186309
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/28/2021 10:07	186309
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 10:07	186309
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Toluene	NELAP	0.1	2.0	J	1.5	µg/L	1	12/28/2021 10:07	186309
trans-1,2-Dichloroethene	NELAP	0.1	2.0	J	0.8	µg/L	1	12/28/2021 10:07	186309
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:07	186309
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:07	186309
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:07	186309
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:07	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-003

Client Sample ID: MW-39

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0	J	1.6	µg/L	1	12/28/2021 10:07	186309
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.0	%REC	1	12/28/2021 10:07	186309
Surr: 4-Bromofluorobenzene	*	0	80-120		98.5	%REC	1	12/28/2021 10:07	186309
Surr: Dibromofluoromethane	*	0	80-120		98.8	%REC	1	12/28/2021 10:07	186309
Surr: Toluene-d8	*	0	80-120		99.3	%REC	1	12/28/2021 10:07	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-004

Client Sample ID: MW-41

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/28/2021 10:34	186309
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/28/2021 10:34	186309
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/28/2021 10:34	186309
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,1-Dichloroethene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 10:34	186309
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:34	186309
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 10:34	186309
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 10:34	186309
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
2-Hexanone	NELAP	0.4	10	J	0.8	µg/L	1	12/28/2021 10:34	186309
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/28/2021 10:34	186309
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/28/2021 10:34	186309
Acetone	NELAP	2.4	10.0		12.7	µg/L	1	12/28/2021 10:34	186309
Acetonitrile	NELAP	1.4	10.0		16.1	µg/L	1	12/28/2021 10:34	186309
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/28/2021 10:34	186309
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Benzene	NELAP	0.1	0.5		0.6	µg/L	1	12/28/2021 10:34	186309
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Chlorobenzene	NELAP	0.1	2.0		2.9	µg/L	1	12/28/2021 10:34	186309
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-004

Client Sample ID: MW-41

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:34	186309
cis-1,2-Dichloroethene	NELAP	0.2	2.0		135	µg/L	1	12/28/2021 10:34	186309
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	12/28/2021 10:34	186309
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/28/2021 10:34	186309
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Ethylbenzene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 10:34	186309
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Isopropylbenzene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 10:34	186309
m,p-Xylenes	NELAP	0.2	2.0	J	1.0	µg/L	1	12/28/2021 10:34	186309
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:34	186309
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/28/2021 10:34	186309
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/28/2021 10:34	186309
n-Hexane	*	1.4	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/28/2021 10:34	186309
n-Propylbenzene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/28/2021 10:34	186309
o-Xylene	NELAP	0.1	2.0	J	0.6	µg/L	1	12/28/2021 10:34	186309
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/28/2021 10:34	186309
p-Isopropyltoluene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 10:34	186309
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/28/2021 10:34	186309
sec-Butylbenzene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 10:34	186309
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Tetrachloroethene	NELAP	0.1	0.5	J	0.2	µg/L	1	12/28/2021 10:34	186309
Tetrahydrofuran	NELAP	0.8	5.0	J	4.4	µg/L	1	12/28/2021 10:34	186309
Toluene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/28/2021 10:34	186309
trans-1,2-Dichloroethene	NELAP	0.1	2.0		41.4	µg/L	1	12/28/2021 10:34	186309
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/28/2021 10:34	186309
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/28/2021 10:34	186309
Trichloroethene	NELAP	0.2	2.0	J	1.1	µg/L	1	12/28/2021 10:34	186309
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/28/2021 10:34	186309
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/28/2021 10:34	186309



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab ID: 21121532-004

Client Sample ID: MW-41

Matrix: GROUNDWATER

Collection Date: 12/27/2021 12:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		74.4	µg/L	1	12/28/2021 10:34	186309
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.0	%REC	1	12/28/2021 10:34	186309
Surr: 4-Bromofluorobenzene	*	0	80-120		100.4	%REC	1	12/28/2021 10:34	186309
Surr: Dibromofluoromethane	*	0	80-120		99.1	%REC	1	12/28/2021 10:34	186309
Surr: Toluene-d8	*	0	80-120		98.7	%REC	1	12/28/2021 10:34	186309



Sample Summary

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
21121532-001	PZ-11	Groundwater	1	12/27/2021 11:15
21121532-002	MW-2	Groundwater	1	12/27/2021 12:15
21121532-003	MW-39	Groundwater	1	12/27/2021 12:30
21121532-004	MW-41	Groundwater	1	12/27/2021 12:45



Dates Report

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
21121532-001A	PZ-11	12/27/2021 11:15	12/27/2021 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/28/2021 9:12
21121532-002A	MW-2	12/27/2021 12:15	12/27/2021 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/28/2021 9:40
21121532-003A	MW-39	12/27/2021 12:30	12/27/2021 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/28/2021 10:07
21121532-004A	MW-41	12/27/2021 12:45	12/27/2021 16:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/28/2021 10:34



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	186309	SampType:	MBLK	Units µg/L							Date			
SampID:		MBLK-AE211228A-1		Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
				1,1,1,2-Tetrachloroethane	*	2.0		ND						12/28/2021
				1,1,1-Trichloroethane	*	2.0		ND						12/28/2021
				1,1,2,2-Tetrachloroethane	*	2.0		ND						12/28/2021
				1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND						12/28/2021
				1,1,2-Trichloroethane	*	0.5		ND						12/28/2021
				1,1-Dichloro-2-propanone	*	30.0		ND						12/28/2021
				1,1-Dichloroethane	*	2.0		ND						12/28/2021
				1,1-Dichloroethene	*	2.0		ND						12/28/2021
				1,1-Dichloropropene	*	2.0		ND						12/28/2021
				1,2,3-Trichlorobenzene	*	2.0		ND						12/28/2021
				1,2,3-Trichloropropane	*	2.0		ND						12/28/2021
				1,2,3-Trimethylbenzene	*	2.0		ND						12/28/2021
				1,2,4-Trichlorobenzene	*	2.0		ND						12/28/2021
				1,2,4-Trimethylbenzene	*	2.0		ND						12/28/2021
				1,2-Dibromo-3-chloropropane	*	5.0		ND						12/28/2021
				1,2-Dibromoethane	*	2.0		ND						12/28/2021
				1,2-Dichlorobenzene	*	2.0		ND						12/28/2021
				1,2-Dichloroethane	*	2.0		ND						12/28/2021
				1,2-Dichloropropane	*	2.0		ND						12/28/2021
				1,3,5-Trimethylbenzene	*	2.0		ND						12/28/2021
				1,3-Dichlorobenzene	*	2.0		ND						12/28/2021
				1,3-Dichloropropane	*	2.0		ND						12/28/2021
				1,4-Dichlorobenzene	*	2.0		ND						12/28/2021
				1-Chlorobutane	*	5.0		ND						12/28/2021
				2,2-Dichloropropane	*	2.0		ND						12/28/2021
				2-Butanone	*	10.0		ND						12/28/2021
				2-Chloroethyl vinyl ether	*	5.0		ND						12/28/2021
				2-Chlorotoluene	*	2.0		ND						12/28/2021
				2-Hexanone	*	10.0		ND						12/28/2021
				2-Nitropropane	*	10.0		ND						12/28/2021
				4-Chlorotoluene	*	2.0		ND						12/28/2021
				4-Methyl-2-pentanone	*	10.0		ND						12/28/2021
				Acetone	*	10.0		ND						12/28/2021
				Acetonitrile	*	10.0		ND						12/28/2021
				Acrolein	*	20.0		ND						12/28/2021
				Acrylonitrile	*	5.0		ND						12/28/2021



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 186309 SampType: MBLK Units µg/L

SampID: MBLK-AE211228A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Allyl chloride	*	5.0		ND						12/28/2021
Benzene	*	0.5		ND						12/28/2021
Bromobenzene	*	2.0		ND						12/28/2021
Bromochloromethane	*	2.0		ND						12/28/2021
Bromodichloromethane	*	2.0		ND						12/28/2021
Bromoform	*	2.0		ND						12/28/2021
Bromomethane	*	5.0		ND						12/28/2021
Carbon disulfide	*	2.0		ND						12/28/2021
Carbon tetrachloride	*	2.0		ND						12/28/2021
Chlorobenzene	*	2.0		ND						12/28/2021
Chloroethane	*	2.0		ND						12/28/2021
Chloroform	*	2.0		ND						12/28/2021
Chloromethane	*	5.0		ND						12/28/2021
Chloroprene	*	5.0		ND						12/28/2021
cis-1,2-Dichloroethene	*	2.0		ND						12/28/2021
cis-1,3-Dichloropropene	*	2.0		ND						12/28/2021
cis-1,4-Dichloro-2-butene	*	2.0		ND						12/28/2021
Cyclohexanone	*	20.0		ND						12/28/2021
Dibromochloromethane	*	2.0		ND						12/28/2021
Dibromomethane	*	2.0		ND						12/28/2021
Dichlorodifluoromethane	*	2.0		ND						12/28/2021
Ethyl acetate	*	10.0		ND						12/28/2021
Ethyl ether	*	5.0		ND						12/28/2021
Ethyl methacrylate	*	5.0		ND						12/28/2021
Ethylbenzene	*	2.0		ND						12/28/2021
Hexachlorobutadiene	*	5.0		ND						12/28/2021
Hexachloroethane	*	5.0		ND						12/28/2021
Iodomethane	*	5.0		ND						12/28/2021
Isopropylbenzene	*	2.0		ND						12/28/2021
m,p-Xylenes	*	2.0		ND						12/28/2021
Methacrylonitrile	*	5.0		ND						12/28/2021
Methyl Methacrylate	*	5.0		ND						12/28/2021
Methyl tert-butyl ether	*	2.0		ND						12/28/2021
Methylacrylate	*	5.0		ND						12/28/2021
Methylene chloride	*	2.0		ND						12/28/2021
Naphthalene	*	5.0		ND						12/28/2021



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 186309 SampType: MBLK Units µg/L

SampID: MBLK-AE211228A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
n-Butyl acetate	*	2.0		ND						12/28/2021
n-Butylbenzene	*	2.0		ND						12/28/2021
n-Heptane	*	5.0		ND						12/28/2021
n-Hexane	*	5.0		ND						12/28/2021
Nitrobenzene	*	50.0		ND						12/28/2021
n-Propylbenzene	*	2.0		ND						12/28/2021
o-Xylene	*	2.0		ND						12/28/2021
Pentachloroethane	*	5.0		ND						12/28/2021
p-Isopropyltoluene	*	2.0		ND						12/28/2021
Propionitrile	*	10.0		ND						12/28/2021
sec-Butylbenzene	*	2.0		ND						12/28/2021
Styrene	*	2.0		ND						12/28/2021
tert-Butylbenzene	*	2.0		ND						12/28/2021
Tetrachloroethene	*	0.5		ND						12/28/2021
Tetrahydrofuran	*	5.0		ND						12/28/2021
Toluene	*	2.0		ND						12/28/2021
trans-1,2-Dichloroethene	*	2.0		ND						12/28/2021
trans-1,3-Dichloropropene	*	2.0		ND						12/28/2021
trans-1,4-Dichloro-2-butene	*	2.0		ND						12/28/2021
Trichloroethene	*	2.0		ND						12/28/2021
Trichlorofluoromethane	*	5.0		ND						12/28/2021
Vinyl acetate	*	5.0		ND						12/28/2021
Vinyl chloride	*	2.0		ND						12/28/2021
Surr: 1,2-Dichloroethane-d4	*			49.8	50.00		99.6	80	120	12/28/2021
Surr: 4-Bromofluorobenzene	*			50.1	50.00		100.2	80	120	12/28/2021
Surr: Dibromofluoromethane	*			50.2	50.00		100.3	80	120	12/28/2021
Surr: Toluene-d8	*			49.9	50.00		99.7	80	120	12/28/2021



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 186309		SampType: LCS		Units µg/L							
SampID: LCS-AE211228A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	*	2.0		50.7	50.00	0	101.4	82	113	12/28/2021	
1,1,1-Trichloroethane	*	2.0		52.2	50.00	0	104.4	76.9	128	12/28/2021	
1,1,2,2-Tetrachloroethane	*	2.0		50.3	50.00	0	100.5	76.7	113	12/28/2021	
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		57.4	50.00	0	114.8	69.5	127	12/28/2021	
1,1,2-Trichloroethane	*	0.5		50.5	50.00	0	101.0	83.8	111	12/28/2021	
1,1-Dichloro-2-propanone	*	30.0		136	125.0	0	109.1	74.9	117	12/28/2021	
1,1-Dichloroethane	*	2.0		51.2	50.00	0	102.4	77	129	12/28/2021	
1,1-Dichloroethene	*	2.0		54.4	50.00	0	108.8	69.4	127	12/28/2021	
1,1-Dichloropropene	*	2.0		53.8	50.00	0	107.6	75.1	123	12/28/2021	
1,2,3-Trichlorobenzene	*	2.0		52.3	50.00	0	104.6	77.3	121	12/28/2021	
1,2,3-Trichloropropane	*	2.0		49.4	50.00	0	98.8	75.3	109	12/28/2021	
1,2,3-Trimethylbenzene	*	2.0		50.0	50.00	0	100.0	77	115	12/28/2021	
1,2,4-Trichlorobenzene	*	2.0		53.4	50.00	0	106.8	76.8	124	12/28/2021	
1,2,4-Trimethylbenzene	*	2.0		51.9	50.00	0	103.7	75	115	12/28/2021	
1,2-Dibromo-3-chloropropane	*	5.0		54.0	50.00	0	108.1	71.9	119	12/28/2021	
1,2-Dibromoethane	*	2.0		50.3	50.00	0	100.6	83.6	110	12/28/2021	
1,2-Dichlorobenzene	*	2.0		50.0	50.00	0	99.9	72.1	113	12/28/2021	
1,2-Dichloroethane	*	2.0		48.2	50.00	0	96.4	72.3	117	12/28/2021	
1,2-Dichloropropane	*	2.0		49.7	50.00	0	99.3	76.5	119	12/28/2021	
1,3,5-Trimethylbenzene	*	2.0		52.6	50.00	0	105.2	75.2	117	12/28/2021	
1,3-Dichlorobenzene	*	2.0		51.2	50.00	0	102.3	75.2	115	12/28/2021	
1,3-Dichloropropane	*	2.0		50.0	50.00	0	100.1	80.9	110	12/28/2021	
1,4-Dichlorobenzene	*	2.0		48.8	50.00	0	97.7	73.9	112	12/28/2021	
1-Chlorobutane	*	5.0		54.0	50.00	0	107.9	74.9	130	12/28/2021	
2,2-Dichloropropane	*	2.0		56.6	50.00	0	113.2	66.5	138	12/28/2021	
2-Butanone	*	10.0		127	125.0	0	101.4	68.8	134	12/28/2021	
2-Chloroethyl vinyl ether	*	5.0		54.2	50.00	0	108.4	17.8	163	12/28/2021	
2-Chlorotoluene	*	2.0		50.4	50.00	0	100.8	74.9	115	12/28/2021	
2-Hexanone	*	10.0		131	125.0	0	105.0	73.2	117	12/28/2021	
2-Nitropropane	*	10.0		580	500.0	0	115.9	67.1	140	12/28/2021	
4-Chlorotoluene	*	2.0		50.8	50.00	0	101.6	75.7	113	12/28/2021	
4-Methyl-2-pentanone	*	10.0		129	125.0	0	103.5	77	113	12/28/2021	
Acetone	*	10.0		124	125.0	0	98.9	61.4	130	12/28/2021	
Acetonitrile	*	10.0		527	500.0	0	105.4	68.8	136	12/28/2021	
Acrolein	*	20.0		549	500.0	0	109.9	28.4	168	12/28/2021	
Acrylonitrile	*	5.0		54.7	50.00	0	109.3	77.9	124	12/28/2021	



Quality Control Results

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Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 186309 SampType: LCS Units µg/L
 SampID: LCS-AE211228A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Allyl chloride	*	5.0		53.2	50.00	0	106.4	75.8	130	12/28/2021
Benzene	*	0.5		49.8	50.00	0	99.6	78.5	119	12/28/2021
Bromobenzene	*	2.0		50.6	50.00	0	101.3	77.5	113	12/28/2021
Bromochloromethane	*	2.0		48.7	50.00	0	97.4	71.5	123	12/28/2021
Bromodichloromethane	*	2.0		53.0	50.00	0	106.0	75.7	123	12/28/2021
Bromoform	*	2.0		53.4	50.00	0	106.9	78.9	121	12/28/2021
Bromomethane	*	5.0		53.2	50.00	0	106.4	30.5	192	12/28/2021
Carbon disulfide	*	2.0		53.7	50.00	0	107.5	66.7	121	12/28/2021
Carbon tetrachloride	*	2.0		54.5	50.00	0	108.9	70.9	127	12/28/2021
Chlorobenzene	*	2.0		50.1	50.00	0	100.2	80	111	12/28/2021
Chloroethane	*	2.0		47.0	50.00	0	93.9	69.6	135	12/28/2021
Chloroform	*	2.0		50.6	50.00	0	101.2	76.2	120	12/28/2021
Chloromethane	*	5.0		45.5	50.00	0	91.0	50.9	138	12/28/2021
Chloroprene	*	5.0		56.7	50.00	0	113.5	68.4	127	12/28/2021
cis-1,2-Dichloroethene	*	2.0		50.5	50.00	0	100.9	79.5	121	12/28/2021
cis-1,3-Dichloropropene	*	2.0		53.4	50.00	0	106.8	79.8	123	12/28/2021
cis-1,4-Dichloro-2-butene	*	2.0		55.9	50.00	0	111.8	64.6	130	12/28/2021
Cyclohexanone	*	20.0		534	500.0	0	106.7	70.5	114	12/28/2021
Dibromochloromethane	*	2.0		54.2	50.00	0	108.3	84.5	114	12/28/2021
Dibromomethane	*	2.0		50.8	50.00	0	101.5	76	119	12/28/2021
Dichlorodifluoromethane	*	2.0		52.4	50.00	0	104.7	46.6	142	12/28/2021
Ethyl acetate	*	10.0		50.1	50.00	0	100.2	70.3	115	12/28/2021
Ethyl ether	*	5.0		50.7	50.00	0	101.3	74.6	120	12/28/2021
Ethyl methacrylate	*	5.0		52.6	50.00	0	105.2	81.4	116	12/28/2021
Ethylbenzene	*	2.0		50.1	50.00	0	100.2	78.2	114	12/28/2021
Hexachlorobutadiene	*	5.0		57.4	50.00	0	114.8	73.9	129	12/28/2021
Hexachloroethane	*	5.0		54.0	50.00	0	108.0	78.3	123	12/28/2021
Iodomethane	*	5.0		42.2	50.00	0	84.5	50	151	12/28/2021
Isopropylbenzene	*	2.0		53.2	50.00	0	106.4	79.3	115	12/28/2021
m,p-Xylenes	*	2.0		102	100.0	0	102.4	77.2	116	12/28/2021
Methacrylonitrile	*	5.0		52.5	50.00	0	105.1	73.9	127	12/28/2021
Methyl Methacrylate	*	5.0		51.1	50.00	0	102.2	70.7	129	12/28/2021
Methyl tert-butyl ether	*	2.0		50.7	50.00	0	101.4	80.3	122	12/28/2021
Methylacrylate	*	5.0		54.1	50.00	0	108.2	75.2	124	12/28/2021
Methylene chloride	*	2.0		48.8	50.00	0	97.5	71.8	115	12/28/2021
Naphthalene	*	5.0		52.0	50.00	0	104.0	75.6	121	12/28/2021



Quality Control Results

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Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 186309		SampType: LCS		Units µg/L							
SampID: LCS-AE211228A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
n-Butyl acetate	*	2.0		51.4	50.00	0	102.9	72.4	118	12/28/2021	
n-Butylbenzene	*	2.0		51.9	50.00	0	103.9	70.8	118	12/28/2021	
n-Heptane	*	5.0		68.6	50.00	0	137.2	50.4	143	12/28/2021	
n-Hexane	*	5.0		57.7	50.00	0	115.4	60.6	139	12/28/2021	
Nitrobenzene	*	50.0		475	500.0	0	95.1	49.4	129	12/28/2021	
n-Propylbenzene	*	2.0		51.8	50.00	0	103.6	74	119	12/28/2021	
o-Xylene	*	2.0		49.5	50.00	0	99.0	79.2	112	12/28/2021	
Pentachloroethane	*	5.0		53.0	50.00	0	106.0	71.8	124	12/28/2021	
p-Isopropyltoluene	*	2.0		52.0	50.00	0	103.9	74.4	119	12/28/2021	
Propionitrile	*	10.0		555	500.0	0	111.0	76.2	127	12/28/2021	
sec-Butylbenzene	*	2.0		53.3	50.00	0	106.5	74.4	119	12/28/2021	
Styrene	*	2.0		52.6	50.00	0	105.2	80.4	117	12/28/2021	
tert-Butylbenzene	*	2.0		50.9	50.00	0	101.8	74	115	12/28/2021	
Tetrachloroethene	*	0.5		51.8	50.00	0	103.5	70.1	120	12/28/2021	
Tetrahydrofuran	*	5.0		49.1	50.00	0	98.1	63.5	122	12/28/2021	
Toluene	*	2.0		49.8	50.00	0	99.7	78.6	112	12/28/2021	
trans-1,2-Dichloroethene	*	2.0		53.3	50.00	0	106.6	75.7	130	12/28/2021	
trans-1,3-Dichloropropene	*	2.0		53.2	50.00	0	106.5	80.3	116	12/28/2021	
trans-1,4-Dichloro-2-butene	*	2.0		53.9	50.00	0	107.8	65.5	124	12/28/2021	
Trichloroethene	*	2.0		51.6	50.00	0	103.2	76.2	121	12/28/2021	
Trichlorofluoromethane	*	5.0		51.4	50.00	0	102.7	71.1	131	12/28/2021	
Vinyl acetate	*	5.0		52.5	50.00	0	105.0	79.8	129	12/28/2021	
Vinyl chloride	*	2.0		46.7	50.00	0	93.4	58.6	141	12/28/2021	
Surr: 1,2-Dichloroethane-d4	*			50.9	50.00		101.8	80	120	12/28/2021	
Surr: 4-Bromofluorobenzene	*			50.7	50.00		101.4	80	120	12/28/2021	
Surr: Dibromofluoromethane	*			51.1	50.00		102.3	80	120	12/28/2021	
Surr: Toluene-d8	*			50.4	50.00		100.9	80	120	12/28/2021	



Quality Control Results

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Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	186309	SampType:	LCSD	Units µg/L						RPD Limit: 15.4		Date
SampID:	LCSD-AE211228A-1										Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
1,1,1,2-Tetrachloroethane	*	2.0		49.7	50.00	0	99.3	50.71	2.07	12/28/2021		
1,1,1-Trichloroethane	*	2.0		51.0	50.00	0	102.0	52.22	2.34	12/28/2021		
1,1,2,2-Tetrachloroethane	*	2.0		49.8	50.00	0	99.6	50.26	0.92	12/28/2021		
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		55.5	50.00	0	111.0	57.40	3.37	12/28/2021		
1,1,2-Trichloroethane	*	0.5		49.7	50.00	0	99.3	50.50	1.68	12/28/2021		
1,1-Dichloro-2-propanone	*	30.0		133	125.0	0	106.8	136.3	2.13	12/28/2021		
1,1-Dichloroethane	*	2.0		49.6	50.00	0	99.1	51.19	3.24	12/28/2021		
1,1-Dichloroethene	*	2.0		52.3	50.00	0	104.6	54.38	3.92	12/28/2021		
1,1-Dichloropropene	*	2.0		51.5	50.00	0	103.0	53.81	4.43	12/28/2021		
1,2,3-Trichlorobenzene	*	2.0		52.2	50.00	0	104.4	52.28	0.15	12/28/2021		
1,2,3-Trichloropropane	*	2.0		47.8	50.00	0	95.5	49.41	3.42	12/28/2021		
1,2,3-Trimethylbenzene	*	2.0		49.0	50.00	0	98.0	50.00	1.98	12/28/2021		
1,2,4-Trichlorobenzene	*	2.0		52.3	50.00	0	104.6	53.38	2.04	12/28/2021		
1,2,4-Trimethylbenzene	*	2.0		50.9	50.00	0	101.8	51.87	1.91	12/28/2021		
1,2-Dibromo-3-chloropropane	*	5.0		53.3	50.00	0	106.5	54.05	1.45	12/28/2021		
1,2-Dibromoethane	*	2.0		49.6	50.00	0	99.2	50.28	1.38	12/28/2021		
1,2-Dichlorobenzene	*	2.0		49.1	50.00	0	98.2	49.95	1.74	12/28/2021		
1,2-Dichloroethane	*	2.0		48.2	50.00	0	96.3	48.18	0.02	12/28/2021		
1,2-Dichloropropane	*	2.0		49.1	50.00	0	98.2	49.67	1.15	12/28/2021		
1,3,5-Trimethylbenzene	*	2.0		50.6	50.00	0	101.1	52.62	3.99	12/28/2021		
1,3-Dichlorobenzene	*	2.0		49.8	50.00	0	99.5	51.15	2.73	12/28/2021		
1,3-Dichloropropane	*	2.0		49.4	50.00	0	98.8	50.05	1.31	12/28/2021		
1,4-Dichlorobenzene	*	2.0		48.2	50.00	0	96.3	48.83	1.40	12/28/2021		
1-Chlorobutane	*	5.0		52.3	50.00	0	104.6	53.97	3.14	12/28/2021		
2,2-Dichloropropane	*	2.0		54.5	50.00	0	109.1	56.58	3.69	12/28/2021		
2-Butanone	*	10.0		124	125.0	0	99.2	126.7	2.17	12/28/2021		
2-Chloroethyl vinyl ether	*	5.0		54.2	50.00	0	108.3	54.19	0.06	12/28/2021		
2-Chlorotoluene	*	2.0		49.4	50.00	0	98.8	50.39	2.02	12/28/2021		
2-Hexanone	*	10.0		128	125.0	0	102.3	131.3	2.62	12/28/2021		
2-Nitropropane	*	10.0		570	500.0	0	114.1	579.6	1.60	12/28/2021		
4-Chlorotoluene	*	2.0		49.9	50.00	0	99.8	50.80	1.79	12/28/2021		
4-Methyl-2-pentanone	*	10.0		127	125.0	0	101.4	129.3	1.97	12/28/2021		
Acetone	*	10.0		119	125.0	0	95.4	123.6	3.59	12/28/2021		
Acetonitrile	*	10.0		518	500.0	0	103.7	527.1	1.67	12/28/2021		
Acrolein	*	20.0		539	500.0	0	107.9	549.4	1.84	12/28/2021		
Acrylonitrile	*	5.0		54.0	50.00	0	108.0	54.66	1.23	12/28/2021		



Quality Control Results

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Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	186309	SampType:	LCSD	Units µg/L						RPD Limit: 15.4	
SampID:	LCSD-AE211228A-1										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Allyl chloride	*	5.0		51.9	50.00	0	103.8	53.18	2.44		12/28/2021
Benzene	*	0.5		48.7	50.00	0	97.5	49.80	2.15		12/28/2021
Bromobenzene	*	2.0		50.0	50.00	0	100.0	50.63	1.21		12/28/2021
Bromochloromethane	*	2.0		48.1	50.00	0	96.3	48.69	1.14		12/28/2021
Bromodichloromethane	*	2.0		52.3	50.00	0	104.5	52.98	1.35		12/28/2021
Bromoform	*	2.0		53.5	50.00	0	106.9	53.44	0.04		12/28/2021
Bromomethane	*	5.0		54.7	50.00	0	109.4	53.21	2.80		12/28/2021
Carbon disulfide	*	2.0		51.9	50.00	0	103.8	53.74	3.46		12/28/2021
Carbon tetrachloride	*	2.0		52.6	50.00	0	105.3	54.47	3.40		12/28/2021
Chlorobenzene	*	2.0		48.8	50.00	0	97.6	50.10	2.61		12/28/2021
Chloroethane	*	2.0		46.2	50.00	0	92.4	46.96	1.61		12/28/2021
Chloroform	*	2.0		49.8	50.00	0	99.5	50.58	1.63		12/28/2021
Chloromethane	*	5.0		44.6	50.00	0	89.2	45.50	1.95		12/28/2021
Chloroprene	*	5.0		54.5	50.00	0	109.0	56.73	4.01		12/28/2021
cis-1,2-Dichloroethene	*	2.0		49.0	50.00	0	98.0	50.47	2.94		12/28/2021
cis-1,3-Dichloropropene	*	2.0		53.1	50.00	0	106.2	53.42	0.56		12/28/2021
cis-1,4-Dichloro-2-butene	*	2.0		55.2	50.00	0	110.4	55.89	1.28		12/28/2021
Cyclohexanone	*	20.0		523	500.0	0	104.7	533.5	1.94		12/28/2021
Dibromochloromethane	*	2.0		52.7	50.00	0	105.4	54.16	2.73		12/28/2021
Dibromomethane	*	2.0		50.8	50.00	0	101.6	50.75	0.08		12/28/2021
Dichlorodifluoromethane	*	2.0		50.9	50.00	0	101.8	52.36	2.81		12/28/2021
Ethyl acetate	*	10.0		49.7	50.00	0	99.3	50.10	0.86		12/28/2021
Ethyl ether	*	5.0		50.5	50.00	0	101.0	50.66	0.34		12/28/2021
Ethyl methacrylate	*	5.0		51.9	50.00	0	103.8	52.58	1.30		12/28/2021
Ethylbenzene	*	2.0		48.8	50.00	0	97.7	50.09	2.51		12/28/2021
Hexachlorobutadiene	*	5.0		55.4	50.00	0	110.7	57.40	3.64		12/28/2021
Hexachloroethane	*	5.0		53.1	50.00	0	106.1	54.01	1.76		12/28/2021
Iodomethane	*	5.0		44.9	50.00	0	89.8	42.24	6.06		12/28/2021
Isopropylbenzene	*	2.0		51.5	50.00	0	102.9	53.19	3.31		12/28/2021
m,p-Xylenes	*	2.0		98.9	100.0	0	98.9	102.4	3.46		12/28/2021
Methacrylonitrile	*	5.0		51.8	50.00	0	103.7	52.53	1.34		12/28/2021
Methyl Methacrylate	*	5.0		50.9	50.00	0	101.9	51.10	0.31		12/28/2021
Methyl tert-butyl ether	*	2.0		50.3	50.00	0	100.6	50.68	0.77		12/28/2021
Methylacrylate	*	5.0		53.0	50.00	0	106.1	54.10	1.98		12/28/2021
Methylene chloride	*	2.0		47.8	50.00	0	95.7	48.77	1.90		12/28/2021
Naphthalene	*	5.0		51.6	50.00	0	103.1	51.99	0.83		12/28/2021



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	186309	SampType:	LCSD	Units µg/L				RPD Limit: 15.4			Date Analyzed
SampID:	LCSD-AE211228A-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
n-Butyl acetate	*	2.0		51.0	50.00	0	102.0	51.44	0.90	12/28/2021	
n-Butylbenzene	*	2.0		49.9	50.00	0	99.9	51.94	3.93	12/28/2021	
n-Heptane	*	5.0		64.5	50.00	0	128.9	68.62	6.24	12/28/2021	
n-Hexane	*	5.0		55.4	50.00	0	110.8	57.70	4.05	12/28/2021	
Nitrobenzene	*	50.0		456	500.0	0	91.1	475.3	4.23	12/28/2021	
n-Propylbenzene	*	2.0		50.0	50.00	0	100.1	51.81	3.46	12/28/2021	
o-Xylene	*	2.0		48.5	50.00	0	97.0	49.48	2.04	12/28/2021	
Pentachloroethane	*	5.0		51.2	50.00	0	102.4	53.01	3.47	12/28/2021	
p-Isopropyltoluene	*	2.0		50.5	50.00	0	101.1	51.95	2.75	12/28/2021	
Propionitrile	*	10.0		538	500.0	0	107.5	554.9	3.16	12/28/2021	
sec-Butylbenzene	*	2.0		51.9	50.00	0	103.8	53.26	2.55	12/28/2021	
Styrene	*	2.0		51.4	50.00	0	102.7	52.61	2.42	12/28/2021	
tert-Butylbenzene	*	2.0		50.0	50.00	0	99.9	50.89	1.82	12/28/2021	
Tetrachloroethene	*	0.5		50.6	50.00	0	101.1	51.77	2.36	12/28/2021	
Tetrahydrofuran	*	5.0		48.5	50.00	0	97.1	49.06	1.09	12/28/2021	
Toluene	*	2.0		48.7	50.00	0	97.4	49.83	2.33	12/28/2021	
trans-1,2-Dichloroethene	*	2.0		51.0	50.00	0	102.0	53.32	4.49	12/28/2021	
trans-1,3-Dichloropropene	*	2.0		52.7	50.00	0	105.3	53.25	1.11	12/28/2021	
trans-1,4-Dichloro-2-butene	*	2.0		53.6	50.00	0	107.2	53.91	0.56	12/28/2021	
Trichloroethene	*	2.0		50.6	50.00	0	101.2	51.60	1.96	12/28/2021	
Trichlorofluoromethane	*	5.0		50.4	50.00	0	100.8	51.37	1.95	12/28/2021	
Vinyl acetate	*	5.0		53.8	50.00	0	107.5	52.48	2.41	12/28/2021	
Vinyl chloride	*	2.0		46.0	50.00	0	91.9	46.71	1.60	12/28/2021	
Surr: 1,2-Dichloroethane-d4	*			51.4	50.00		102.8			12/28/2021	
Surr: 4-Bromofluorobenzene	*			51.1	50.00		102.2			12/28/2021	
Surr: Dibromofluoromethane	*			51.0	50.00		102.0			12/28/2021	
Surr: Toluene-d8	*			49.7	50.00		99.4			12/28/2021	



Receiving Check List

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21121532

Client Project: Ameren Huster Road GW

Report Date: 28-Dec-21

Carrier: Reginald Gardner

Received By: PWR

Completed by:

Reviewed by:

On:

27-Dec-21

Patrick Riley

On:

27-Dec-21

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

- | | | | | |
|---|---|---|--|----------------------------------|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> | Temp °C 13.0 |
| Type of thermal preservation? | None <input type="checkbox"/> | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/> | Dry Ice <input type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Reported field parameters measured: | Field <input type="checkbox"/> | Lab <input type="checkbox"/> | NA <input checked="" type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

- | | | | |
|---|---|-----------------------------|---|
| Water – at least one vial per sample has zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | No VOA vials <input type="checkbox"/> |
| Water - TOX containers have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. _____ of _____ Work order # 21121532

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client: XDD, LLC Address: 11171 Forest Haven Road City / State / Zip: Festus, MO 63028 Contact: Derek Ingram Phone: (314) 609-3065 E-Mail: Ingram@xdd-llc.com Fax:	Samples on: <input checked="" type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input type="checkbox"/> NO ICE 13.0 °C LTG# 3 Preserved in: <input type="checkbox"/> LAB <input type="checkbox"/> FIELD FOR LAB USE ONLY Lab Notes: HS OK in 1/2 MW-39 P/R 12/27/21
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Are these samples known to be involved in litigation? If yes, a surcharge will apply Yes No
 Are these samples known to be hazardous? Yes No
 Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. Yes No

Client Comments:
 Quarterly Sampling
 Quick TURN

Project Name/Number		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED															
Ameren Huster Roed GW		Reginald Gardner		Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	VOCs											
Results Requested	Billing Instructions	# and Type of Containers																			
<input type="checkbox"/> Standard <input checked="" type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)		UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER												
Lab Use Only	Sample Identification	Date/Time Sampled																			
21121532-001	PZ-11	12/27/21 @ 1115					2														
-002	MW-2	12/27/21 @ 1215					2														
-003	MW-39	12/27/21 @ 1235					2														
-004	MW-41	12/27/21 @ 1245					2														

ONE DAY TAT

Refr. Quished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	12/27/21 @ 1600	<i>[Signature]</i>	12/27/21 1600